

1 **CLAIM AMENDMENTS**

2 **Listing of Claims:**

3 **What is claimed, is**

4 **•CLAIMS**

5 1. (currently amended) An electronic device for executing an application, comprising  
6 • application data ~~(21)~~ upon execution of said application,  
7 • a central control unit ~~(291)~~ for processing said application data ~~(21)~~ according to a locally  
8 generated method call,  
9 • an interface ~~(28)~~ for transmitting messages to another electronic device,  
10 • a synchronization entity ~~(27)~~ for generating a description of said method call and for passing  
11 said description to said interface.

12 2. (currently amended) An electronic device for executing an application, comprising  
13 • application data ~~(21)~~ upon execution of said application,  
14 • an interface ~~(28)~~ for receiving messages from another electronic device,  
15 • a synchronization entity ~~(27)~~ for receiving a description of a remotely generated and remotely  
16 executed method call from said interface ~~(28)~~, and for deriving a locally executable method  
17 call from said description, and  
18 • a central control unit ~~(291)~~ for processing said application data ~~(21)~~ according to said derived  
19 method call.

20 3. (currently amended) An electronic device for executing an application, comprising  
21 • application data ~~(21)~~ upon execution of said application,  
22 • an interface ~~(28)~~ for exchanging messages with another electronic device,  
23 • a synchronization entity ~~(27)~~

1 for receiving a description of a remotely generated method call from said interface (28) and  
2 deriving a locally executable method call from said description, and  
3 for generating a description of a locally generated method call and for passing said  
4 description to said interface (28),

- 5 • a central control unit (291) for processing said application data (21) according to said derived  
6 method call and according to said locally generated method call.

7 4. (currently amended) An arrangement ~~Arrangement~~ of electronic devices, comprising

- 8 • a first electronic device (2a) for executing an application,
- 9 • a second electronic device (2b) for executing an application,
- 10 • said first electronic device (2a) comprising
  - 11 • application data (21a) upon execution of said application,
  - 12 • a central control unit for processing said application data according a locally  
13 generated method call,
  - 14 • an interface for transmitting messages to said second electronic device (2b),
  - 15 • a synchronization entity (27a) for generating a description of said method call  
16 and for passing said description to said interface,
- 17 • said second electronic device (21b) comprising
  - 18 • a copy of said application data (21b),
  - 19 • an interface for receiving messages from said first electronic device (2a),
  - 20 • a synchronization entity (27b) for receiving said description from said  
21 interface and for deriving a method call from said description being  
22 executable on said second electronic device (21b), and
  - 23 • a central control unit for processing said copy of application data (21b)  
24 according to said derived method call.

25 5. (currently amended) An electronic ~~Electronic~~ device according to ~~one of the preceding claims~~  
26 claim 1, comprising a register (2941) for storing descriptions of method calls that could not be  
27 transmitted to said other electronic device.

1 6. (currently amended) An electronic ~~Electronic~~ device according to ~~one of the preceding claims~~  
2 claim 1,  
3 wherein said synchronization entity ~~(27)~~ is software implemented.

4 7. (currently amended) An electronic ~~Electronic~~ device according to ~~one of the preceding claims~~  
5 claim 1, wherein said method call is generated in response to an input action.

6 8. (currently amended) An electronic ~~Electronic~~ device according to ~~one of the preceding claims~~  
7 claim 1, wherein said application data ~~(21)~~ represent a state of said application.

8 9. (currently amended) An electronic ~~Electronic~~ device according to ~~one of the preceding claims~~  
9 claim 1, wherein said method call is an application readable instruction causing a change to said  
10 application data ~~(21)~~ when being processed.

11 10. (currently amended) An electronic ~~Electronic~~ device according to ~~one of the preceding claims~~  
12 claim 1,  
13 • comprising a log ~~(2942)~~ for storing said description, and  
14 • comprising a rollback entity ~~(2932)~~ for reading said log ~~(2942)~~ and for verifying said  
15 application data ~~(21)~~.

16 11. (currently amended) An electronic ~~Electronic~~ device according to ~~one of the preceding claims~~  
17 claim 1, comprising a session clipboard ~~(44)~~ for shared use.

18 12. (currently amended) A method ~~Method~~ of processing application data in ~~an electronic a~~  
19 device, comprising  
20 • generating locally a method call for processing application data ~~(21)~~,  
21 • generating a description of said method call,  
22 • transmitting said description to another ~~electronic~~ device, and  
23 • processing said application data ~~(21)~~ according to said method call.

1 13. (currently amended) A method ~~Method~~ of processing application data in ~~an electronic a~~  
2 device, comprising

- 3 • receiving a description of a remotely generated and remotely executed method call,
- 4 • deriving a locally executable method call from said description, and
- 5 • processing said application data ~~(21)~~ according to said derived method call.

6 14. (currently amended) A method ~~Method~~ of processing application data in ~~an electronic a~~  
7 device, comprising:

- 8 • generating locally a method call for processing said application data ~~(21)~~,
- 9 • generating a description of said method call,
- 10 • transmitting said description to another ~~electronic~~ device,
- 11 • processing said application data ~~(21)~~ according to said locally generated method call,
- 12 • receiving a description of a remotely generated method call from another ~~electronic~~ device,
- 13 • deriving a locally executable method call from said received description, and
- 14 • processing said application data ~~(21)~~ according to said derived method call.

15 15. (currently amended) A method ~~Method~~ of processing a set of application data, comprising:

- 16 • operating application data ~~(21a)~~ on a first ~~electronic~~ device ~~(2a)~~;
- 17 • operating a copy of said application data ~~(21b)~~ on a second ~~electronic~~ device ~~(2b)~~ on said first
- 18 ~~electronic~~ device ~~(2a)~~,
- 19 • generating a method call for processing said application data ~~(21a)~~,
- 20 • generating a description of said method call,
- 21 • processing said application data ~~(21a)~~ according to said method call,
- 22 • transmitting said description to said second ~~electronic~~ device ~~(2b)~~;
- 23 on said second ~~electronic~~ device ~~(2b)~~:
- 24 • receiving said description,
- 25 • deriving a method call from said received description being executable on said second
- 26 ~~electronic~~ device ~~(2b)~~, and
- 27 • processing said copy of application data ~~(21b)~~ according to said derived method call.

1 16. (currently amended) A method ~~Method~~ of preparing processing application data in an  
2 ~~electronic~~ a device, comprising

- 3 • receiving a method call from an application program interface (~~API~~),
- 4 • generating a description of said method call,
- 5 • causing said description to be passed to a device-to-device interface of said ~~electronic~~ device,
- 6 and
- 7 • providing an application program interface (~~API~~) with said method call for application data
- 8 processing purposes.

9 17. (currently amended) A method ~~Method~~ of preparing processing application data in an  
10 ~~electronic~~ a device, comprising

- 11 • receiving a description of a remotely generated and remotely executed method call from a
- 12 device-to-device interface (~~28~~) of said ~~electronic~~ device,
- 13 • deriving a locally executable method call from said description, and
- 14 • providing an application program interface (~~API~~) with said derived method call for
- 15 application data processing purposes.

16 18. (currently amended) A method ~~Method~~ of preparing processing application data in an  
17 ~~electronic~~ a device, comprising

- 18 • receiving a method call from an application program interface (~~API~~),
- 19 • generating a description of said method call,
- 20 • causing said description to be passed to a device-to-device interface (~~28~~) of said ~~electronic~~
- 21 device,
- 22 • providing an application program interface (~~API~~) with said method call for application data
- 23 processing purposes,
- 24 • receiving a description of a remotely generated method call from said device-to-device
- 25 interface (~~28~~),
- 26 • deriving a locally executable method call from said received description, and
- 27 • providing an application program interface (~~API~~) with said derived method call for
- 28 application data processing purposes

1 19. (currently amended) A method ~~Method~~ according to ~~one of the claims claim~~ 16 ~~or 18~~,  
2 wherein said method call that is to be passed to said application program interface is derived  
3 from said description of said method call.

4 20. (currently amended) A method ~~Method~~ according to ~~one of the claims claim~~ 16 ~~or 18~~,  
5 wherein said method call that is to be passed to said application program interface is said  
6 received method call.

7 21. (currently amended) A method ~~Method~~ according to ~~one of the preceding claims claim~~ 12 to  
8 20,  
9 comprising storing descriptions that could not be transmitted to said other ~~electronic~~ device.

10 22. (currently amended) A method ~~Method~~ according to ~~one of the preceding claims claim~~ 12 to  
11 21, wherein said method call is generated in response to an input action.

12 23. (currently amended) A method ~~Method~~ according to ~~one of the preceding claims claim~~ 12 to  
13 22, wherein said application data represent a state of said application.

14 24. (currently amended) A method ~~Method~~ according to ~~one of the preceding claims claim~~ 12 to  
15 23, comprising logging said description and applying a rollback mechanism (2932) including  
16 reading said log and verifying said application data.

17 25. (currently amended) A method ~~Method~~ according to claim 15,  
18 wherein said application data is copied from said first ~~electronic~~ device to said second ~~electronic~~  
19 device before operating said copy of said application data on said second ~~electronic~~ device.

20 26. (currently amended) A method ~~Method~~ according to claim 15,  
21 wherein said copy of application data on said second device is generated by:

- 1 • determining all method calls that were executed for obtaining said initial application data on
- 2 said first device,
- 3 • generating a list of descriptions of these method calls on said first device,
- 4 • transmitting said list to said second device,
- 5 • translating said description of method calls into method calls that are executable on said
- 6 second device, and
- 7 • executing said method calls on said second device starting from an empty application data
- 8 state.

9 27. (currently amended) A computer program element comprising computer program code means  
10 which, when loaded in a processor unit of ~~an electronic a device,~~, configures the processor unit to  
11 perform a method as claimed in ~~any one of the claims~~ claim 12 to 26.

12 28. (new) An article of manufacture comprising a computer usable medium having computer  
13 readable program code means embodied therein for causing processing of application data, the  
14 computer readable program code means in said article of manufacture comprising computer  
15 readable program code means for causing a computer to effect the steps of claim 12.

16 29. (new) An article of manufacture comprising a computer usable medium having computer  
17 readable program code means embodied therein for causing processing of application data, the  
18 computer readable program code means in said article of manufacture comprising computer  
19 readable program code means for causing a computer to effect the steps of claim 13.

20 30. (new) An article of manufacture comprising a computer usable medium having computer  
21 readable program code means embodied therein for causing processing of application data, the  
22 computer readable program code means in said article of manufacture comprising computer  
23 readable program code means for causing a computer to effect the steps of claim 14.

24 31. (new) An article of manufacture comprising a computer usable medium having computer  
25 readable program code means embodied therein for causing processing of a set of application

1 data, the computer readable program code means in said article of manufacture comprising  
2 computer readable program code means for causing a computer to effect the steps of claim 15.

3 32. (new) A computer program product comprising a computer usable medium having computer  
4 readable program code means embodied therein for causing processing of application data, the  
5 computer readable program code means in said computer program product comprising computer  
6 readable program code means for causing a computer to effect the steps of claim 12.

7 33. (new) A computer program product comprising a computer usable medium having computer  
8 readable program code means embodied therein for causing processing of application data, the  
9 computer readable program code means in said computer program product comprising computer  
10 readable program code means for causing a computer to effect the steps of claim 13.

11 34. (new) A computer program product comprising a computer usable medium having computer  
12 readable program code means embodied therein for causing processing of application data, the  
13 computer readable program code means in said computer program product comprising computer  
14 readable program code means for causing a computer to effect the steps of claim 14.

15 35. (new) A computer program product comprising a computer usable medium having computer  
16 readable program code means embodied therein for causing processing of a set of application  
17 data, the computer readable program code means in said computer program product comprising  
18 computer readable program code means for causing a computer to effect the steps of claim 15.  
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